

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:53 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 379 Const Calendar Day: 95 Date: 07-Sep-2012 Friday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:30 AM 04:30 PM Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Phase 1 Load Transfer**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 1g was completed
- Re-tensioning of cable band (CB) bolts
- Measuring of CB bolts with extensometer to determine bolt elongations

I was measuring CB bolt elongations with the extensometer today with Alex Schmitt, Matt Bruce, & John Lyons. See the diary of others for the suspender jacking & cable band bolt tensioning.

- I arrived at the pier 7 office at 06:30.
- From 06:30 until 07:00, Matt, John, & I transported the extensometer from the pier 7 office to the Caltrans connex box on the bridge deck.
- From 07:00 until 07:15, we measured the standard bar with the extensometer.
- From 07:15 until 11:00, we measured CB bolts with the extensometer on the North main-span. We measured PPs 66N, 68N, 74N, 76N, 78N, 80N, 86N, 88N, 90N, 92N, & 94N. These measurements were taken just prior to the iron-workers tensioning the bolts at these CBs.
- From 11:00 until 12:00, we measured PPs 66N, 68N, 74N, 80N, 86N, 88N, 90N, 92N, & 94N. These measurements were taken just AFTER to the iron-workers finished tensioning the bolts at these CBs. At this time, we had to pause since the iron-worker crew was not yet finished with tensioning of the CBs at PPs 76N & 78N.
- From 12:15 until 12:30, we re-measured the standard bar to check that the extensometer was still measuring consistently.
- From 12:30 until 13:00, we took lunch.
- From 13:00 until 13:30, a couple of the measuring team went back to the pier 7 office to have a meeting to discuss our plan for continued CB bolt measuring. During this time, I helped a couple of the new personnel that were brought in for inspecting suspender jacking. We did some practice measuring of remaining jacking lengths (RJLs), & we discussed some of the details of the LT Plan submittal.
- From 13:30 until 13:45, we measured the standard bar with the extensometer prior to re-starting the measuring.
- From 13:45 until 14:30, we measured PPs 76N & 78N. These measurements were taken just AFTER to the iron-workers finished tensioning the bolts at these CBs.
- From 14:30 until 14:45, we re-measured the standard bar to check that the extensometer was still measuring consistently.
- From 14:45 until the end of the shift, I walked the bridge deck to check for any other ongoing Cable work. Also, I spoke with ABF Engineer Scott Yeager regarding the work schedule for Saturday & next week.



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### ***Daily Diary Report by Bid Item***

**Job Name:** 04-0120F4

**Inspector Name** Wright, Doug

**Diary #:** 379

**Date:** 07-Sep-2012    **Friday**

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- Note: The extensometer measurements were recorded, & this data was given to Tai-Lin Liu for compilation into a tracking spreadsheet.
- At 15:30, I left the bridge.
- From 15:45 until 16:15, we (Roman, Alex, Matt, & I) discussed the plan for the continued measuring of CB bolts & the work schedule for next week.
- From 16:15 until 16:30, I wrote my diary for the day & checked email.
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